

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Commercial Vegetables

of Samples 1,359

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	164		
K (ppm)	229	K (% Sat)	4.2
Mg (ppm)	216	Mg (% Sat)	12.8
Ca (ppm)	1,970	Ca (% Sat)	62.8
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1564
N (lb/A)	
P2O5 (LB/A)	129
K2O (LB/A)	107
MGO (LB/a)	22

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY: Adams **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	150		
K (ppm)	210	K (% Sat)	4.5
Mg (ppm)	175	Mg (% Sat)	10.9
Ca (ppm)	1,312	Ca (% Sat)	51.4
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2479
N (lb/A)	
P2O5 (LB/A)	199
K20 (LB/A)	184
MGO (LB/a)	22

COUNTY: Allegheny **# of Samples** 116

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	130		
K (ppm)	215	K (% Sat)	3.9
Mg (ppm)	215	Mg (% Sat)	4.3
Ca (ppm)	2,105	Ca (% Sat)	67.1
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1138
N (lb/A)	
P2O5 (LB/A)	147
K20 (LB/A)	94
MGO (LB/a)	24

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COUNTY: Bedford **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.6		
P (ppm)	139		
K (ppm)	333	K (% Sat)	4.7
Mg (ppm)	230	Mg (% Sat)	6.9
Ca (ppm)	2,497	Ca (% Sat)	73.0
CEC	16.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	67
MGO (LB/a)	28

COUNTY: Berks **# of Samples** 51

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.5		
P (ppm)	504		
K (ppm)	303	K (% Sat)	5.1
Mg (ppm)	248	Mg (% Sat)	3.5
Ca (ppm)	2,418	Ca (% Sat)	64.5
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2357
N (lb/A)	
P2O5 (LB/A)	135
K20 (LB/A)	200
MGO (LB/a)	41

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COUNTY: Blair **# of Samples** 20

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	261		
K (ppm)	387	K (% Sat)	5.5
Mg (ppm)	333	Mg (% Sat)	10.1
Ca (ppm)	2,750	Ca (% Sat)	65.8
CEC	16.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	85
K2O (LB/A)	130
MGO (LB/a)	7

COUNTY: Bradford **# of Samples** 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.1		
P (ppm)	200		
K (ppm)	299	K (% Sat)	4.4
Mg (ppm)	207	Mg (% Sat)	12.5
Ca (ppm)	2,146	Ca (% Sat)	65.6
CEC	16.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1818
N (lb/A)	
P2O5 (LB/A)	103
K2O (LB/A)	30
MGO (LB/a)	9

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Bucks	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	205		
K (ppm)	303	K (% Sat)	4.3
Mg (ppm)	278	Mg (% Sat)	8.9
Ca (ppm)	2,113	Ca (% Sat)	52.4
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2429
N (lb/A)	
P2O5 (LB/A)	168
K20 (LB/A)	152
MGO (LB/a)	29

COUNTY:	Butler	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.7		
P (ppm)	121		
K (ppm)	173	K (% Sat)	3.6
Mg (ppm)	205	Mg (% Sat)	3.7
Ca (ppm)	1,931	Ca (% Sat)	61.1
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1656
N (lb/A)	
P2O5 (LB/A)	89
K20 (LB/A)	45
MGO (LB/a)	29

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COUNTY: **Cambria** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.6		
P (ppm)	180		
K (ppm)	209	K (% Sat)	3.3
Mg (ppm)	398	Mg (% Sat)	16.4
Ca (ppm)	2,927	Ca (% Sat)	71.7
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	444
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	127
MGO (LB/a)	0

COUNTY: **Cameron** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	8.2		
P (ppm)	24		
K (ppm)	39	K (% Sat)	0.9
Mg (ppm)	33	Mg (% Sat)	1.1
Ca (ppm)	768	Ca (% Sat)	35.9
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	108
MGO (LB/a)	130

SUMMARY REPORT
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Commercial Vegetables

COUNTY: Carbon **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	152		
K (ppm)	132	K (% Sat)	3.0
Mg (ppm)	184	Mg (% Sat)	7.1
Ca (ppm)	1,781	Ca (% Sat)	54.3
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	120
MGO (LB/a)	10

COUNTY: Centre **# of Samples** 80

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	115		
K (ppm)	207	K (% Sat)	4.1
Mg (ppm)	195	Mg (% Sat)	12.4
Ca (ppm)	1,987	Ca (% Sat)	66.6
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1163
N (lb/A)	
P2O5 (LB/A)	137
K20 (LB/A)	121
MGO (LB/a)	15

SUMMARY REPORT
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COUNTY:	Chester	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.3		
P (ppm)	225		
K (ppm)	264	K (% Sat)	4.1
Mg (ppm)	302	Mg (% Sat)	13.0
Ca (ppm)	2,642	Ca (% Sat)	71.9
CEC	16.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	225
K20 (LB/A)	103
MGO (LB/a)	0

COUNTY:	Clarion	# of Samples	26
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.2		
P (ppm)	70		
K (ppm)	154	K (% Sat)	3.3
Mg (ppm)	124	Mg (% Sat)	2.9
Ca (ppm)	993	Ca (% Sat)	43.1
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2942
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	91
MGO (LB/a)	51

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Commercial Vegetables

COUNTY:	Clearfield	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	134		
K (ppm)	184	K (% Sat)	3.4
Mg (ppm)	172	Mg (% Sat)	5.9
Ca (ppm)	2,092	Ca (% Sat)	71.3
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1818
N (lb/A)	
P2O5 (LB/A)	170
K20 (LB/A)	158
MGO (LB/a)	23

COUNTY:	Columbia	# of Samples	80
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	97		
K (ppm)	160	K (% Sat)	4.2
Mg (ppm)	128	Mg (% Sat)	10.4
Ca (ppm)	1,191	Ca (% Sat)	59.1
CEC	9.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1375
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	89
MGO (LB/a)	20

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COUNTY: Crawford **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	119		
K (ppm)	167	K (% Sat)	3.6
Mg (ppm)	138	Mg (% Sat)	4.9
Ca (ppm)	1,407	Ca (% Sat)	57.1
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3280
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	75
MGO (LB/a)	13

COUNTY: Cumberland **# of Samples** 35

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.1		
P (ppm)	90		
K (ppm)	226	K (% Sat)	4.8
Mg (ppm)	205	Mg (% Sat)	2.2
Ca (ppm)	1,684	Ca (% Sat)	64.1
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	139
K20 (LB/A)	115
MGO (LB/a)	36

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
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COUNTY: Dauphin **# of Samples** 41

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	144		
K (ppm)	186	K (% Sat)	5.0
Mg (ppm)	151	Mg (% Sat)	7.3
Ca (ppm)	1,213	Ca (% Sat)	61.9
CEC	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1076
N (lb/A)	
P2O5 (LB/A)	76
K20 (LB/A)	81
MGO (LB/a)	15

COUNTY: Delaware **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	189		
K (ppm)	206	K (% Sat)	3.7
Mg (ppm)	386	Mg (% Sat)	10.9
Ca (ppm)	2,275	Ca (% Sat)	59.6
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	105
K20 (LB/A)	225
MGO (LB/a)	0

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Commercial Vegetables

COUNTY:	Eik	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	282		
K (ppm)	145	K (% Sat)	2.5
Mg (ppm)	156	Mg (% Sat)	8.9
Ca (ppm)	2,038	Ca (% Sat)	63.0
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1971
N (lb/A)	
P2O5 (LB/A)	68
K20 (LB/A)	56
MGO (LB/a)	54

COUNTY:	Erie	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.7		
P (ppm)	151		
K (ppm)	219	K (% Sat)	3.9
Mg (ppm)	178	Mg (% Sat)	2.5
Ca (ppm)	1,804	Ca (% Sat)	53.1
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3125
N (lb/A)	
P2O5 (LB/A)	123
K20 (LB/A)	68
MGO (LB/a)	21

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COUNTY: Fayette **# of Samples** 37

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	196		
K (ppm)	346	K (% Sat)	4.9
Mg (ppm)	314	Mg (% Sat)	7.6
Ca (ppm)	2,837	Ca (% Sat)	69.3
CEC	16.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	986
N (lb/A)	
P2O5 (LB/A)	146
K20 (LB/A)	97
MGO (LB/a)	12

COUNTY: Forest **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	139		
K (ppm)	206	K (% Sat)	4.6
Mg (ppm)	157	Mg (% Sat)	4.8
Ca (ppm)	1,604	Ca (% Sat)	66.6
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2333
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	105
MGO (LB/a)	10

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COUNTY: Franklin **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.3		
P (ppm)	228		
K (ppm)	340	K (% Sat)	5.2
Mg (ppm)	221	Mg (% Sat)	11.2
Ca (ppm)	5,194	Ca (% Sat)	73.5
CEC	16.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	571
N (lb/A)	
P2O5 (LB/A)	180
K20 (LB/A)	
MGO (LB/a)	0

COUNTY: Greene **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.1		
P (ppm)	70		
K (ppm)	192	K (% Sat)	2.8
Mg (ppm)	208	Mg (% Sat)	6.8
Ca (ppm)	1,776	Ca (% Sat)	51.1
CEC	17.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4667
N (lb/A)	
P2O5 (LB/A)	38
K20 (LB/A)	10
MGO (LB/a)	0

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COUNTY:	Huntingdon	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.5		
P (ppm)	277		
K (ppm)	362	K (% Sat)	4.9
Mg (ppm)	357	Mg (% Sat)	16.9
Ca (ppm)	3,348	Ca (% Sat)	69.8
CEC	17.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	375
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	30
MGO (LB/a)	0

COUNTY:	Indiana	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	90		
K (ppm)	227	K (% Sat)	4.2
Mg (ppm)	174	Mg (% Sat)	1.4
Ca (ppm)	1,191	Ca (% Sat)	46.3
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4556
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	78
MGO (LB/a)	50

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COUNTY: Jefferson **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.4		
P (ppm)	98		
K (ppm)	169	K (% Sat)	3.2
Mg (ppm)	194	Mg (% Sat)	10.4
Ca (ppm)	1,817	Ca (% Sat)	71.8
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	375
N (lb/A)	
P2O5 (LB/A)	62
K20 (LB/A)	105
MGO (LB/a)	0

COUNTY: JUNIATA **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.3		
P (ppm)	241		
K (ppm)	283	K (% Sat)	4.8
Mg (ppm)	210	Mg (% Sat)	10.7
Ca (ppm)	2,842	Ca (% Sat)	79.3
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	35
K20 (LB/A)	23
MGO (LB/a)	0

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COUNTY: **Lackawanna** # of Samples 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	182		
K (ppm)	178	K (% Sat)	4.3
Mg (ppm)	143	Mg (% Sat)	4.9
Ca (ppm)	1,555	Ca (% Sat)	71.8
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	889
N (lb/A)	
P2O5 (LB/A)	35
K20 (LB/A)	70
MGO (LB/a)	8

COUNTY: **Lancaster** # of Samples 39

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	215		
K (ppm)	235	K (% Sat)	4.6
Mg (ppm)	263	Mg (% Sat)	13.0
Ca (ppm)	2,023	Ca (% Sat)	68.2
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	718
N (lb/A)	
P2O5 (LB/A)	135
K20 (LB/A)	107
MGO (LB/a)	3

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COUNTY:	Lawrence	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.7		
P (ppm)	126		
K (ppm)	168	K (% Sat)	3.4
Mg (ppm)	165	Mg (% Sat)	9.3
Ca (ppm)	1,971	Ca (% Sat)	70.6
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1341
N (lb/A)	
P2O5 (LB/A)	104
K20 (LB/A)	79
MGO (LB/a)	48

COUNTY:	Lebanon	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.4		
Acidity (meq/100 g)	0.7		
P (ppm)	145		
K (ppm)	232	K (% Sat)	4.1
Mg (ppm)	195	Mg (% Sat)	11.2
Ca (ppm)	3,120	Ca (% Sat)	80.2
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	56
K20 (LB/A)	35
MGO (LB/a)	1

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COUNTY:	Lehigh	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.5		
P (ppm)	160		
K (ppm)	471	K (% Sat)	5.7
Mg (ppm)	335	Mg (% Sat)	14.2
Ca (ppm)	2,663	Ca (% Sat)	63.1
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	257
N (lb/A)	
P2O5 (LB/A)	193
K20 (LB/A)	199
MGO (LB/a)	25

COUNTY:	Luzerne	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	248		
K (ppm)	135	K (% Sat)	2.4
Mg (ppm)	199	Mg (% Sat)	9.1
Ca (ppm)	1,786	Ca (% Sat)	61.1
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1632
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	153
MGO (LB/a)	23

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Lycoming	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	183		
K (ppm)	181	K (% Sat)	3.7
Mg (ppm)	193	Mg (% Sat)	9.6
Ca (ppm)	1,723	Ca (% Sat)	62.2
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1100
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	158
MGO (LB/a)	4

COUNTY:	McKean	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	9.4		
P (ppm)	12		
K (ppm)	78	K (% Sat)	1.5
Mg (ppm)	73	Mg (% Sat)	1.1
Ca (ppm)	798	Ca (% Sat)	33.9
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	7000
N (lb/A)	
P2O5 (LB/A)	203
K20 (LB/A)	148
MGO (LB/a)	80

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Mercer	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	199		
K (ppm)	352	K (% Sat)	5.4
Mg (ppm)	222	Mg (% Sat)	4.0
Ca (ppm)	2,001	Ca (% Sat)	59.7
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2127
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	94
MGO (LB/a)	30

COUNTY:	Mifflin	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	225		
K (ppm)	290	K (% Sat)	4.8
Mg (ppm)	231	Mg (% Sat)	9.0
Ca (ppm)	2,312	Ca (% Sat)	70.1
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	140
MGO (LB/a)	0

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY: **Monroe** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.7		
P (ppm)	135		
K (ppm)	133	K (% Sat)	3.1
Mg (ppm)	166	Mg (% Sat)	6.2
Ca (ppm)	2,397	Ca (% Sat)	78.3
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	571
N (lb/A)	
P2O5 (LB/A)	164
K20 (LB/A)	124
MGO (LB/a)	23

COUNTY: **MONTGOMERY** # of Samples **61**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	118		
K (ppm)	194	K (% Sat)	3.9
Mg (ppm)	279	Mg (% Sat)	5.4
Ca (ppm)	1,762	Ca (% Sat)	60.7
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1567
N (lb/A)	
P2O5 (LB/A)	169
K20 (LB/A)	120
MGO (LB/a)	15

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Montour	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	351		
K (ppm)	286	K (% Sat)	4.7
Mg (ppm)	203	Mg (% Sat)	7.2
Ca (ppm)	2,448	Ca (% Sat)	69.8
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	89
K20 (LB/A)	185
MGO (LB/a)	23

COUNTY:	Northampton	# of Samples	40
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	157		
K (ppm)	232	K (% Sat)	5.1
Mg (ppm)	178	Mg (% Sat)	6.6
Ca (ppm)	1,544	Ca (% Sat)	55.6
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2470
N (lb/A)	
P2O5 (LB/A)	135
K20 (LB/A)	164
MGO (LB/a)	18

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY: Northumberland **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.5		
P (ppm)	93		
K (ppm)	198	K (% Sat)	5.0
Mg (ppm)	215	Mg (% Sat)	16.2
Ca (ppm)	1,471	Ca (% Sat)	66.4
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	130
MGO (LB/a)	0

COUNTY: Perry **# of Samples** 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	112		
K (ppm)	184	K (% Sat)	4.3
Mg (ppm)	137	Mg (% Sat)	3.9
Ca (ppm)	1,267	Ca (% Sat)	57.8
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2139
N (lb/A)	
P2O5 (LB/A)	161
K20 (LB/A)	129
MGO (LB/a)	25

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Philadelphia	# of Samples	49
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	201		
K (ppm)	247	K (% Sat)	4.4
Mg (ppm)	299	Mg (% Sat)	4.0
Ca (ppm)	2,149	Ca (% Sat)	58.9
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2073
N (lb/A)	
P2O5 (LB/A)	159
K20 (LB/A)	202
MGO (LB/a)	52

COUNTY:	Potter	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	58		
K (ppm)	137	K (% Sat)	2.7
Mg (ppm)	200	Mg (% Sat)	11.3
Ca (ppm)	1,440	Ca (% Sat)	54.7
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1964
N (lb/A)	
P2O5 (LB/A)	106
K20 (LB/A)	39
MGO (LB/a)	25

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY: Schuylkill **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.6		
P (ppm)	290		
K (ppm)	233	K (% Sat)	3.9
Mg (ppm)	167	Mg (% Sat)	1.5
Ca (ppm)	1,823	Ca (% Sat)	57.0
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2158
N (lb/A)	
P2O5 (LB/A)	148
K20 (LB/A)	97
MGO (LB/a)	42

COUNTY: Snyder **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	152		
K (ppm)	293	K (% Sat)	5.1
Mg (ppm)	190	Mg (% Sat)	10.1
Ca (ppm)	2,288	Ca (% Sat)	65.5
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1421
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	91
MGO (LB/a)	5

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Somerset	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	116		
K (ppm)	229	K (% Sat)	4.0
Mg (ppm)	214	Mg (% Sat)	7.3
Ca (ppm)	1,839	Ca (% Sat)	58.8
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	265
K20 (LB/A)	120
MGO (LB/a)	0

COUNTY:	Sullivan	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.8		
P (ppm)	49		
K (ppm)	180	K (% Sat)	3.3
Mg (ppm)	108	Mg (% Sat)	5.1
Ca (ppm)	1,547	Ca (% Sat)	57.3
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2800
N (lb/A)	
P2O5 (LB/A)	166
K20 (LB/A)	130
MGO (LB/a)	38

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Susquehanna	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.3		
P (ppm)	230		
K (ppm)	333	K (% Sat)	5.3
Mg (ppm)	307	Mg (% Sat)	8.9
Ca (ppm)	1,938	Ca (% Sat)	60.5
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1188
N (lb/A)	
P2O5 (LB/A)	165
K20 (LB/A)	120
MGO (LB/a)	7

COUNTY:	Tioga	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.1		
P (ppm)	98		
K (ppm)	202	K (% Sat)	3.5
Mg (ppm)	207	Mg (% Sat)	9.1
Ca (ppm)	1,831	Ca (% Sat)	60.5
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2409
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	118
MGO (LB/a)	4

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Union	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.6		
P (ppm)	217		
K (ppm)	307	K (% Sat)	4.8
Mg (ppm)	281	Mg (% Sat)	11.8
Ca (ppm)	3,160	Ca (% Sat)	74.8
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	386
N (lb/A)	
P2O5 (LB/A)	182
K20 (LB/A)	113
MGO (LB/a)	16

COUNTY:	Venango	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	28		
K (ppm)	114	K (% Sat)	2.6
Mg (ppm)	110	Mg (% Sat)	2.9
Ca (ppm)	1,222	Ca (% Sat)	50.5
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2667
N (lb/A)	
P2O5 (LB/A)	161
K20 (LB/A)	129
MGO (LB/a)	42

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY: Warren **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.0		
P (ppm)	84		
K (ppm)	224	K (% Sat)	4.7
Mg (ppm)	184	Mg (% Sat)	8.2
Ca (ppm)	1,300	Ca (% Sat)	53.5
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3667
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	10
MGO (LB/a)	83

COUNTY: Washington **# of Samples** 37

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	68		
K (ppm)	173	K (% Sat)	3.0
Mg (ppm)	228	Mg (% Sat)	9.3
Ca (ppm)	1,953	Ca (% Sat)	60.0
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2516
N (lb/A)	
P2O5 (LB/A)	132
K20 (LB/A)	80
MGO (LB/a)	5

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Wayne	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	222		
K (ppm)	193	K (% Sat)	4.3
Mg (ppm)	198	Mg (% Sat)	11.3
Ca (ppm)	1,722	Ca (% Sat)	62.7
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1364
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	92
MGO (LB/a)	10

COUNTY:	Westmoreland	# of Samples	34
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	127		
K (ppm)	193	K (% Sat)	3.6
Mg (ppm)	198	Mg (% Sat)	7.7
Ca (ppm)	2,030	Ca (% Sat)	58.1
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2544
N (lb/A)	
P2O5 (LB/A)	109
K20 (LB/A)	107
MGO (LB/a)	31

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Wyoming	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	153		
K (ppm)	154	K (% Sat)	4.0
Mg (ppm)	114	Mg (% Sat)	12.7
Ca (ppm)	1,199	Ca (% Sat)	59.9
CEC	9.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1395
N (lb/A)	
P2O5 (LB/A)	105
K20 (LB/A)	117
MGO (LB/a)	22

COUNTY:	York	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	117		
K (ppm)	294	K (% Sat)	4.6
Mg (ppm)	253	Mg (% Sat)	5.0
Ca (ppm)	2,291	Ca (% Sat)	66.1
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1300
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	100
MGO (LB/a)	19